

# Carboxymethyl cellulose

9000-11-7 | DTXSID7040441

Model Performance

Model

Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.89	0.25	0.88	0.26	0.75	0.38

## Model Results

**Predicted value:** 3.54 days

**Global applicability domain:** Outside

**Local applicability domain index:** 2.84e-01

**Confidence level:** 9.31e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

1-Methyl-2-propylbenzene

**Measured:** 3.00

**Predicted:** 3.17

[Image not found](#)

3-Ethyltoluene

**Measured:** 3.00

**Predicted:** 3.26

[Image not found](#)

Propylbenzene

**Measured:** 4.00

**Predicted:** 4.02

[Image not found](#)

1-Ethyl-2-methylbenzene

**Measured:** 4.00

**Predicted:** 3.88

[Image not found](#)

1,3-Dimethyl-4-ethylbenzene

**Measured:** 4.00

**Predicted:** 3.89